

Applicants: Carlos Daniel Silva
Application No. 10/534,166
Amendment in Response to Office Action dated March 16, 2006

Amendments to the Claims:

1-9. Canceled.

10. (New) A breathing monitory device for monitoring the breathing of a wearer, the device comprising:

a box for wearing in the wearer's garment, the box being free of any means for retaining the box against the wearer's body;

an electronic circuit located into said box, wherein the circuit comprises:

an accelerometer including a motion detector for sensing the breathing movement of the wearers,

a micro controller for detecting variations in the breathing movement detected by the accelerometer,

an alarm connected to the micro controller and to a battery in a manner that if no variations are detected in a period of time the micro controller sets off the alarm, and whereby if there is any failure in the overall device the alarm is activated directly by the battery.

11. (New) The device of claim 10 wherein said micro controller comprises outputs connected to transmission means for transmitting the signals sent by the accelerometer towards external processing devices for processing said signals.

12. (New) The device of claim 12 wherein said external processing devices are computer means.

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13. (New) The breathing monitory device of claim 11, wherein:
the transmission means comprises:
a series/parallel signal converter module that is an integral part of of the
micro controller, and
a transmission module connected to the series/parallel signal converter
module, the transmission module being defined by a signal codification
integrated circuit and a signal transmission integrated circuit.
14. (New) The device of claim 13 wherein said signal transmission integrated
circuit is an infrared transmission device.
15. (New) The device of claim 13 wherein said signal codification integrated
circuit is an IrDA signal encoder certified.
16. (New) The device of claim 10 wherein said alarm means is a buzzer
connected to the micro controller through a transistor.